

Shandong Dongyue Shenzhou New Material Co DS2602 Fluoroelastomer Copolymer Gum

Category : Polymer , Thermoset , Fluoropolymer, TS , Thermoset Fluoroelastomer , Rubber or Thermoset Elastomer (TSE)

Material Notes:

Conformable with: Q/DYS 005-2007
 Brief Introduction:FKM-DS2600 is copolymer of HFP and VDF. Normally it is white or light yellow translucent elastomer whose fluorine content is over 66%. After vulcanizing process, FKM products have excellent mechanical performance, outstanding anti oil property (fuel oil, synthesis oil, lubricating oil) and high thermal stability.
 Main Applications:Widely used in high temperature, aviation, automobile, petroleum and chemical industries, oils, lubricants, etc. Mainly used to produce gaskets, O-rings, V-rings, sealing bowl with metal bone, diaphragms, tube, valve-plate, rolls, etc.
 Properties: Moderate viscosity
 Application: O-ring made by compression moulding, injection moulding and injection extruded hose
 Information Provided by Shandong Dongyue Shenzhou New Material Co., Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Shandong-Dongyue-Shenzhou-New-Material-Co-DS2602-Fluoroelastomer-Copolymer-Gum.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.80 - 1.84 g/cc	1.80 - 1.84 g/cc	
Mooney Viscosity	40 - 60 @Temperature 121 Â°C	40 - 60 @Temperature 250 Â°F	ML(1+10)

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	>= 11.0 MPa	>= 1600 psi	
	>= 9.00 MPa @Temperature 275 Â°C, Time 86400 sec	>= 1310 psi @Temperature 527 Â°F, Time 24.0 hour	
Elongation at Break	>= 150 %	>= 150 %	
	>= 120 % @Temperature 275 Â°C, Time 86400 sec	>= 120 % @Temperature 527 Â°F, Time 24.0 hour	
Compression Set	<= 25 % @Temperature 200 Â°C, Time 86400 sec	<= 25 % @Temperature 392 Â°F, Time 24.0 hour	AF compression rate 30%

Descriptive Properties	Value	Comments
Appearance	White or light yellow translucent rubber piece	
Oil Resistance (%)	<6	1# aircraft fuel, 200Â°C, 24h, added weight)

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